MULTIMATERIAL PARTS WITH TOPOLOGY OPTIMIZATION

Seamless multi-scale optimization for set parameters



Multimaterial design for custom boundary conditions

Automated and precise design for anisotropic materials. Even faster prototyping with Al-driven computation and optimization. The trial and error method will now be replaced by physics simulating algorithms that define optimally performing parts. Their predictive capability has earned a reputation as an essential verification, troubleshooting, and analysis tool.

Optimized material use: parts designs with minimal weight and maximal desired parameters lead to reasonable and efficient material consumption.

The advanced software takes care of the topology, so printing involves less manual input leaving the specialists free for other work. Improved flexibility due to clear quantitative analysis of loads.

Local engineering requirements meet through volumetric optimization of parameter sets, lattices, and attributes, in conjunction with topology and manufacturing constraints.



Read more:

